

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	59	("5,519,832" "5,327,435" "6,625,742" "6157559").uref.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:36
L3	2	("6452789").URPN.	USPAT	OR	ON	2006/06/13 08:16
L4	28	("5519832").URPN.	USPAT	OR	ON	2006/06/13 08:24
L5	2	((power or enrgy)near3 (status or state or mode))with (hierarchic\$4 near4 (indicat\$4 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:31
L6	2	((power or enrgy)near3 (service or fail\$4 or status or state or mode))with (hierarchic\$4 near4 (indicat\$4 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:37
L7	599	(replac\$4 or hot\$swap\$4 or (hot adj swap\$4))with ((field adj3 (unit or module))or FRU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:38
L8	2	I7 same (hierarchic\$5 with (indicat\$4 or led\$1 or encoder\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:42
L9	3	I7 and (hierarchic\$5 with (indicat\$4 or led\$1 or encoder\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:42
L10	7	(hierarchic\$5 with (indicat\$4 or led\$1 or encoder\$1))same (power near3 (state or status or mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:47

## EAST Search History

L11	3	((hierarchic\$5 with (indicat\$4 or led\$1 or encoder\$1))and (power near3 (state or status or mode))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:52
L12	31	("5903894").URPN.	USPAT	OR	ON	2006/06/13 08:50
L13	5606	((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1))with (control\$4 manag\$4 or fail\$safe or (fault adj toleran\$3)or service or hot\$swap or (hot adj swap\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:41
L14	8	l13 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:14
L15	0	("7013352").URPN.	USPAT	OR	ON	2006/06/13 09:13
L16	0	("7013352").URPN.	USPAT	OR	ON	2006/06/13 09:13
L17	0	("7013352").URef.	USPAT	OR	ON	2006/06/13 09:14
L18	0	("7013352").URef.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:14
L19	25918	"713"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:19
L20	143	l19 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:19
L21	1	l20 and (((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1))with (control\$4 manag\$4 or fail\$safe or (fault adj toleran\$3)or service or hot\$swap or (hot adj swap\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:18

## EAST Search History

L22	66	I20 and ((server adj (blade or modul\$2)) or hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5 or FRU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:36
L23	1	I22 and ((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:20
L24	45230	"709"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:19
L25	54358	"714"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 14:42
L26	87	I24 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 14:43
L27	107	I25 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:42
L28	4	I26 and ((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:20
L29	8	I27 and ((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:21
L30	1	("6725235").URPN.	USPAT	OR	ON	2006/06/13 09:34

## EAST Search History

L31	8	("5,519,832" "5,327,435" "6,625,742" "6157559").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:37
L32	1	I31 and fru	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 09:37
L33	100	I20 and ((server adj (blade or modul\$2)) or hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5 or FRU or modul\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:37
L34	63235	((server adj (blade or modul\$2)) or ((hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5)near2 (unit\$1 or modul\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:39
L35	129322	((server adj (blade or modul\$2)) or ((hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5 or (field or on\$site))near3 (unit\$1 or modul\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 10:40
L36	157168	((server adj (blade or modul\$2)) or ((hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5 or (field or on\$site))near3 (unit\$1 or modul\$2 or card\$1 or board)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:13
L37	379	I36 and (((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1))with (control\$4 manag\$4 or fail\$safe or (fault adj toleran\$3)or service or hot\$swap or (hot adj swap\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:14
L38	4	I37 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:16

## EAST Search History

L39	157168	((server adj (blade or modul\$2)) or ((hot\$swap\$4 or (hot adj swap\$4)or removeable or replac\$5 or interchanheabl\$3 or (field or on\$site))near3 (unit\$1 or modul\$2 or card\$1 or board)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:14
L40	598	I39 and (((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1 or state))with (represent\$5 or control\$4 manag\$4 or fail\$safe or (fault adj toleran\$3)or service or hot\$swap or (hot adj swap\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:16
L41	825	I39 and (((hierarchic\$5 with (structur\$2 or indicat\$4 or led\$1 or encoder\$1 or state))with (represent\$5 or indicat\$4 or control\$4 manag\$4 or fail\$safe or (fault adj toleran\$3)or service or hot\$swap or (hot adj swap\$4))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:16
L42	12	I41 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (representat\$4 or detect\$4 or determin\$5 or indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 13:17
L43	7328	"706"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 14:42
L44	3	I43 and (((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:27
L45	3	(((power or energy or supply or voltage)near2 (status or state or fault or failure))with (indicator\$1 or led\$1))same ((pluralit\$4 or multiple or two)with nod\$2)same((pluralit\$4 or multiple or two)with devic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:30
L46	77	((pluralit\$4 or multiple or two)with nod\$2)same((pluralit\$4 or multiple or two)with ((removeable or pluggable interchangeable or replac\$5)near3 (modul\$2 or card\$1 or board\$1 or devic\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:04



## EAST Search History

L47	1	I46 same indicator\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:34
L48	8	("5,519,832" "5,327,435" "6,625,742" "6157559").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 15:36
L49	27	("5603044").URPN.	USPAT	OR	ON	2006/06/13 15:52
L50	50	((pluralit\$4 or multiple or two)with nod\$2)and ((pluralit\$4 or multiple or two)with ((removeable or pluggable interchangeable or replac\$5)near3 (modul\$2 or card\$1 or board\$1 or devic\$2)))and (power near3 (indicat\$4 or LED\$1 or sensor\$1 or detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:18
L51	1401	(power near3 (indicat\$4 or LED\$1 or detector))and hierarchical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:13
L52	49	(power near3 (indicat\$4 or LED\$1 or detector))same hierarchical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:22
L53	278	I51 and ((pluralit\$4 or multiple or two)with nod\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:14
L54	9	I52 and ((pluralit\$4 or multiple or two)with nod\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:14

## EAST Search History

L55	5	I53 and ((pluralit\$4 or multiple or two)with ((removeable or pluggable interchangeable or replac\$5)near3 (modul\$2 or card\$1 or board\$1 or devic\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 16:18
S1	8	("5,689,516" "5,548,228" "5,640,107" "20050189962").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 16:13
S2	5	("5,875,312" "6,839,836" "20020152372").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/12 16:17
S3	8	("5,519,832" "5,327,435" "6,625,742" "6157559").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/13 08:05



## Inventor Name Search Result

Your Search was:

Last Name = AHRENS

First Name = GEORGE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09843064</a>	Not Issued	168	04/26/2001	Service history log of computer repairs	AHRENS, GEORGE H.
<a href="#">09750482</a>	6725396	150	12/28/2000	IDENTIFYING FIELD REPLACEABLE UNITS RESPONSIBLE FOR FAULTS DETECTED WITH PROCESSOR TIMEOUTS UTILIZING IPL BOOT PROGRESS INDICATOR STATUS	AHRENS, GEORGE HENRY
<a href="#">09779365</a>	6832329	150	02/08/2001	CACHE THRESHOLDING METHOD, APPARATUS, AND PROGRAM FOR PREDICTIVE REPORTING OF ARRAY BIT LINE OR DRIVER FAILURES	AHRENS, GEORGE HENRY
<a href="#">09798184</a>	6792564	150	03/01/2001	STANDARDIZED FORMAT FOR REPORTING ERROR EVENTS OCCURRING WITHIN LOGICALLY PARTITIONED MULTIPROCESSING SYSTEMS	AHRENS, GEORGE HENRY
<a href="#">09798207</a>	Not Issued	168	03/01/2001	Method and system for eliminating duplicate reported errors in a logically partitioned multiprocessing system	AHRENS, GEORGE HENRY
<a href="#">09798290</a>	Not Issued	161	03/01/2001	Method and system for log repair action handling on a logically partitioned multiprocessing system	AHRENS, GEORGE HENRY
<a href="#">09801603</a>	6823482	150	03/08/2001	SYSTEM AND METHOD FOR REPORTING PLATFORM ERRORS IN PARTITIONED SYSTEMS	AHRENS, GEORGE HENRY
<a href="#">09971144</a>	6745147	150	10/04/2001	DATA PROCESSING SYSTEM, METHOD, AND PRODUCT FOR AUTOMATICALLY TRACKING INSERTIONS OF INTEGRATED CIRCUIT DEVICES	AHRENS, GEORGE HENRY
<a href="#">10424641</a>	Not Issued	95	04/25/2003	METHOD AND APPARATUS FOR MANAGING SERVICE INDICATOR LIGHTS IN A LOGICALLY PARTITIONED COMPUTER SYSTEM	AHRENS, GEORGE HENRY
<a href="#">10455162</a>	Not Issued	30	06/05/2003	Method and apparatus for customizable surveillance of network interfaces	AHRENS, GEORGE HENRY
<a href="#">10755876</a>	Not	30	01/13/2004	Method, system, and product for	AHRENS, GEORGE



	Issued			hierarchical encoding of field replaceable unit service indicators	HENRY
<u>10755880</u>	Not Issued	30	01/13/2004	Method, system, and product for indicating power status of field replaceable units	AHRENS, GEORGE HENRY
<u>09163513</u>	<u>6230265</u>	150	09/30/1998	METHOD AND SYSTEM FOR CONFIGURING RESOURCES IN A DATA PROCESSING SYSTEM UTILIZING SYSTEM POWER CONTROL INFORMATION	AHRENS, GEORGE HENRY
<u>09164132</u>	<u>6148419</u>	150	09/30/1998	SYSTEM DIAGNOSTIC LOCATION CODES	AHRENS, GEORGE HENRY
<u>09164133</u>	<u>6281860</u>	150	09/30/1998	CUES FOR STATUS INFORMATION	AHRENS, GEORGE HENRY
<u>09165161</u>	<u>6308289</u>	150	10/01/1998	METHOD AND SYSTEM FOR ENVIRONMENTAL SENSING AND CONTROL WITHIN A COMPUTER SYSTEM	AHRENS, GEORGE HENRY
<u>09353973</u>	<u>6574752</u>	150	07/15/1999	METHOD AND SYSTEM FOR ERROR ISOLATION DURING PCI BUS CONFIGURATION CYCLES	AHRENS, GEORGE HENRY
<u>09431797</u>	<u>6625728</u>	150	11/02/1999	METHOD AND APPARATUS FOR LOCATING AND DISPLAYING A DETECTIVE COMPONENT IN A DATA PROCESSING SYSTEM DURING A SYSTEM STARTUP USING LOCATION AND PROGRESS CODES ASSOCIATED WITH THE COMPONENT	AHRENS, GEORGE HENRY
<u>09435068</u>	<u>6550019</u>	150	11/04/1999	METHOD AND APPARATUS FOR PORBLEM IDENTIFICATION DURING INITIAL PROGRAM LOAD IN A MULTIPROCESSOR SYSTEM	AHRENS, GEORGE HENRY
<u>09978352</u>	Not Issued	40	10/16/2001	Data processing system, method, and product for reporting loss of service application	AHRENS, GEORGE HENRY
<u>08560918</u>	<u>5790431</u>	150	11/20/1995	METHOD AND SYSTEM FOR MEASURING AVAILABILITY IN A DISTRIBUTED NETWORK	AHRENS,, GEORGE H.

Inventor Search Completed: No Records to Display.

Search Another: Inventor
 

Last Name	First Name	
AHRENS	GEORGE	<input type="button" value="Search"/>

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Day : Tuesday  
Date: 6/13/2006  
Time: 14:11:19

# **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = THURBER

First Name = STEVEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11176922</a>	Not Issued	20	07/07/2005	Mechanism to virtualize all address spaces in shared I/O fabrics	THURBER, STEVEN M.
<a href="#">11191626</a>	Not Issued	20	07/28/2005	Broadcast of shared I/O fabric error messages in a multi-host environment to all affected root nodes	THURBER, STEVEN M.
<a href="#">11260610</a>	Not Issued	30	10/27/2005	Creation and management of destination ID routing structures in multi-host PCI topologies	THURBER, STEVEN M.
<a href="#">11260618</a>	Not Issued	30	10/27/2005	Method using a master node to control I/O fabric configuration in a multi-host environment	THURBER, STEVEN M.
<a href="#">11260619</a>	Not Issued	30	10/27/2005	Method of routing I/O adapter error messages in a multi-host environment	THURBER, STEVEN M.
<a href="#">11260621</a>	Not Issued	30	10/27/2005	Routing mechanism in PCI multi-host topologies using destination ID field	THURBER, STEVEN M.
<a href="#">11301109</a>	Not Issued	20	12/12/2005	Creation and management of ATPT in switches of multi-host PCI topologies	THURBER, STEVEN M.
<a href="#">11334678</a>	Not Issued	20	01/18/2006	Creation and management of routing table for PCI bus address based routing with integrated DID	THURBER, STEVEN M.
<a href="#">11340447</a>	Not Issued	20	01/26/2006	Routing of shared I/O fabric error messages in a multi-host environment to a master control root node	THURBER, STEVEN M.
<a href="#">11348903</a>	Not Issued	20	02/07/2006	Method, apparatus, and computer program product for routing packets utilizing a unique identifier, included within a standard address, that identifies the destination host computer system	THURBER, STEVEN M.
<a href="#">11351020</a>	Not Issued	20	02/09/2006	Method, apparatus, and computer usable program code for migrating virtual adapters from source physical adapters to destination physical adapters	THURBER, STEVEN M.
<a href="#">08122040</a>	5548735	150	09/15/1993	SYSTEM AND METHOD FOR ASYNCHRONOUSLY PROCESSING STORE INSTRUCTIONS TO I/O SPACE	THURBER, STEVEN M.
<a href="#">08124182</a>	Not	161	09/20/1993	SCALABLE SYSTEM INTERRUPT	THURBER, STEVEN M.

	Issued			STRUCTURE FOR A MULTIPROCESSING SYSTEM	
<u>08472603</u>	<u>5694556</u>	250	06/07/1995	DATA PROCESSING SYSTEM INCLUDING BUFFERING MECHANISM FOR INBOUND AND OUTBOUND READS AND POSTED WRITES	THURBER, STEVEN M.
<u>08552034</u>	<u>5673399</u>	250	11/02/1995	SYSTEM AND METHOD FOR ENHANCEMENT OF SYSTEM BUS TO MEZZANINE BUS TRANSACTIONS	THURBER, STEVEN M.
<u>08556887</u>	Not Issued	166	11/02/1995	ERROR RECOVERY BY ISOLATION OF PERIPHERAL COMPONENTS IN A DATA PROCESSING SYSTEM	THURBER, STEVEN M.
<u>08573918</u>	<u>5701495</u>	250	12/18/1995	SCALABLE SYSTEM INTERRUPT STRUCTURE FOR A MULTI-PROCESSING SYSTEM	THURBER, STEVEN M.
<u>08592272</u>	<u>5640570</u>	250	01/26/1996	INFORMATION HANDLING SYSTEM FOR TRANSMITTING CONTEXTS OF LINE REGISTER FROM ASYNCHRONOUS CONTROLLER TO SHADOW REGISTER IN ANOTHER ASYNCHRONOUS CONTROLLER DETERMINED BY SHADOW REGISTER ADDRESS BUFFER	THURBER, STEVEN M.
<u>08627810</u>	<u>6175888</u>	150	04/10/1996	DUAL HOST BRIDGE WITH PEER TO PEER SUPPORT	THURBER, STEVEN M.
<u>08766735</u>	<u>5761461</u>	150	12/13/1996	METHOD AND SYSTEM FOR PREVENTING PERIPHERAL COMPONENT INTERCONNECT (PCI) PEER-TO-PEER ACCESS ACROSS MULTIPLE PCI HOST BRIDGES WITHIN A DATA PROCESSING SYSTEM	THURBER, STEVEN M.
<u>08766736</u>	<u>5761462</u>	150	12/13/1996	METHOD AND SYSTEM FOR SUPPORTING PERIPHERAL COMPONENT INTERCONNECT (PCI) PEER-TO-PEER ACCESS ACROSS MULTIPLE PCI HOST BRIDGES WITHIN A DATA-PROCESSING SYSTEM	THURBER, STEVEN M.
<u>08766737</u>	<u>5898888</u>	150	12/13/1996	METHOD AND SYSTEM FOR TRANSLATING PERIPHERAL COMPONENT INTERCONNECT (PCI) PEER-TO-PEER ACCESS ACROSS MULTIPLE PCI HOST BRIDGES WITHIN A COMPUTER SYSTEM	THURBER, STEVEN M.
<u>08862579</u>	<u>5815647</u>	150	05/23/1997	ERROR RECOVERY BY ISOLATION OF PERIPHERAL COMPONENTS IN A DATA PROCESSING SYSTEM	THURBER, STEVEN M.
<u>09055414</u>	<u>6295568</u>	150	04/06/1998	METHOD AND SYSTEM FOR	THURBER, STEVEN

				SUPPORTING MULTIPLE LOCAL BUSES OPERATING AT DIFFERENT FREQUENCIES	MARK
<u>09583712</u>	<u>6715011</u>	150	05/31/2000	PCI/PCI-X BUSBRIDGE WITH PERFORMANCE MONITOR	THURBER, STEVEN MARK
<u>09589664</u>	<u>6643727</u>	150	06/08/2000	ISOLATION OF I/O BUS ERRORS TO A SINGLE PARTITION IN AN LPAR ENVIRONMENT	THURBER, STEVEN MARK
<u>09589665</u>	<u>6629162</u>	150	06/08/2000	SYSTEM, METHOD, AND PRODUCT IN A LOGICALLY PARTITIONED SYSTEM FOR PROHIBITING I/O ADAPTERS FROM ACCESSING MEMORY ASSIGNED TO OTHER PARTITIONS DURING DMA	THURBER, STEVEN MARK
<u>09599179</u>	<u>6654818</u>	150	06/22/2000	DMA ACCESS AUTHORIZATION FOR 64-BIT I/O ADAPTERS ON PCI BUS	THURBER, STEVEN MARK
<u>09645177</u>	<u>6636947</u>	150	08/24/2000	COHERENCY FOR DMA READ CACHED DATA	THURBER, STEVEN MARK
<u>09692337</u>	Not Issued	123	10/19/2000	Method and apparatus for retaining network security settings across power cycles	THURBER, STEVEN MARK
<u>09692341</u>	<u>6981025</u>	150	10/19/2000	METHOD AND APPARATUS FOR ENSURING SCALABLE MASTERSHIP DURING INITIALIZATION OF A SYSTEM AREA NETWORK	THURBER, STEVEN MARK
<u>09692342</u>	Not Issued	121	10/19/2000	Method and system for informing an operating system in a system area network when a new device is connected	THURBER, STEVEN MARK
<u>09692346</u>	<u>6941350</u>	150	10/19/2000	METHOD AND APPARATUS FOR RELIABLY CHOOSING A MASTER NETWORK MANAGER DURING INITIALIZATION OF A NETWORK COMPUTING SYSTEM	THURBER, STEVEN MARK
<u>09692347</u>	Not Issued	161	10/19/2000	Method and system for scalably selecting unique transaction identifiers	THURBER, STEVEN MARK
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<a href="#">10777724</a>	Not Issued	30	02/12/2004	Architecture and method for managing the sharing of logical resources among separate partitions of a logically partitioned computer system	THURBER, STEVEN MARK
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# 1 [Scout: A Hardware-Accelerated System for Quantitatively Driven Visualization and Analysis](#)


 Patrick S. McCormick, Jeff Inman, James P. Ahrens, Charles Hansen, Greg Roth  
 October 2004 **Proceedings of the conference on Visualization '04**
**Publisher:** IEEE Computer Society
 Full text available: [pdf\(408.95 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Quantitative techniques for visualization are critical to the successful analysis of both acquired and simulated scientific data. Many visualization techniques rely on indirect mappings, such as transfer functions, to produce the final imagery. In many situations, it is preferable and more powerful to express these mappings as mathematical expressions, or queries, that can then be directly applied to the data. In this paper, we present a hardware-accelerated system that provides such capabilities ...

**Keywords:** Visualization systems, hardware acceleration, multivariate visualization, volume rendering

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# 1 [Adaptive power management a hierarchical/distributed system](#)



William F. Honey

 October 1981 **Proceedings of the 1981 ACM SIGSMALL symposium on Small systems and SIGMOD workshop on Small database systems**

Publisher: ACM Press

 Full text available: [pdf\(655.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The automatic control of electrical system (ACES) for aircraft shipboard applications was first demonstrated at the Westinghouse Aerospace Electrical Division in 1970 [4]. This system was implemented on a single computer which controlled the hardware directly with discrete signals. Presently Hierarchical and Distributed computer architectures are being evaluated [3, 14], to perform the ACES task. Westinghouse is pursuing a combined Hierarchical/Distributed architecture for its Adaptive Powe ...

# 2 [Special section: Reasoning about structure, behavior and function](#)



B. Chandrasekaran, Rob Milne

July 1985 **ACM SIGART Bulletin**, Issue 93

Publisher: ACM Press

 Full text available: [pdf\(5.13 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

The last several years' of work in the area of knowledge-based systems has resulted in a deeper understanding of the potentials of the current generation of ideas, but more importantly, also about their limitations and the need for research both in a broader framework as well as in new directions. The following ideas seem to us to be worthy of note in this connection.

# 3 [Special issue: AI in engineering](#)



D. Sriram, R. Joobbani

April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

 Full text available: [pdf\(8.79 MB\)](#) Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

# 4 [Fast detection of communication patterns in distributed executions](#)



Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available:  pdf(4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

##### 5 [Level set and PDE methods for computer graphics](#)



David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker  
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**

**Publisher:** ACM Press

Full text available:  pdf(17.07 MB) Additional Information: [full citation](#), [abstract](#)


Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set (iso-surface) of a sampled, evolving nD function. The course begins with preparatory material that introduces the concept of using partial differential equations to solve problems in computer graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations, e.g. the level set eq ...

##### 6 [Organizational experiences and career success of MIS professionals and examination of race differences](#)



Wayne M. Wormley, Magid Igarria  
March 1991 **Proceedings of the 1991 conference on SIGCPR**

**Publisher:** ACM Press

Full text available:  pdf(1.84 MB) Additional Information: [full citation](#), [references](#), [index terms](#)

##### 7 [Automatic structuring and optimization of hierarchical designs](#)



H. Eikerling, W. Rosenstiel  
September 1996 **Proceedings of the conference on European design automation**

**Publisher:** IEEE Computer Society Press


Full text available:  pdf(72.79 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

##### 8 [Querying structured documents with hypertext links using OODBMS](#)



V. Christophides, A. Rizk  
September 1994 **Proceedings of the 1994 ACM European conference on Hypermedia technology**

**Publisher:** ACM Press

Full text available:  pdf(1.32 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Hierarchical logical structure and hypertext links are complementary and can be combined to build more powerful document management systems. Previous work exploits this complementarity for building better document processors, browsers and editing tools, but not for building sophisticated querying mechanisms. Querying in hypertext has been a requirement since [19] and has already been elaborated in many hypertext systems, but has not yet been used for hypertext systems superimposed on an und ...

**Keywords:** hypertexts, information retrieval, object oriented databases, path expressions, query languages, structured documents

##### 9



[Human-computer interface development: concepts and systems for its management](#)



H. Rex Hartson, Deborah Hix

March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1**Publisher:** ACM Press

Full text available: pdf(7.97 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

*Human-computer interface management*, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

**10** Link-sharing and resource management models for packet networks

Sally Floyd, Van Jacobson

August 1995 **IEEE/ACM Transactions on Networking (TON)**, Volume 3 Issue 4**Publisher:** IEEE Press

Full text available: pdf(2.51 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**11** Platforms: DFuse: a framework for distributed data fusion

Rajnish Kumar, Matthew Wolenetz, Bikash Agarwalla, JunSuk Shin, Phillip Hutto, Arnab Paul, Umakishore Ramachandran

November 2003 **Proceedings of the 1st international conference on Embedded networked sensor systems****Publisher:** ACM Press

Full text available: pdf(541.24 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Simple in-network data aggregation (or fusion) techniques for sensor networks have been the focus of several recent research efforts, but they are insufficient to support advanced fusion applications. We extend these techniques to future sensor networks and ask two related questions: (a) what is the appropriate set of data fusion techniques, and (b) how do we dynamically assign aggregation roles to the nodes of a sensor network. We have developed an architectural framework, *DFuse*, for ans ...

**Keywords:** data fusion, energy awareness, in-network aggregation, middleware, platform, role assignment, sensor network

**12** Participatory design in various community contexts: Participatory health information systems development in Cuba: the challenge of addressing multiple levels in a centralized setting

Jørn Braa, Ola Hodne Titlestad, Johan Sæbø

July 2004 **Proceedings of the eighth conference on Participatory design: Artful integration: interweaving media, materials and practices - Volume 1****Publisher:** ACM Press

Full text available: pdf(368.68 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

This paper will address issues of user participation in a large centralistic organization. It is based on one year experience of developing a computerized health information system within the Cuban health services. Relevant literature suggests that participative methods may be less feasible in centralistic environments. This paper confirms this by describing how participation in Cuba is restricted by political and organizational constraints. There is however documented that participatory approac ...

**13** Navigating hierarchically clustered networks through fisheye and full-zoom methods

Doug Schaffer, Zhengping Zuo, Saul Greenberg, Lyn Bartram, John Dill, Shelli Dubs, Mark Roseman

June 1996 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 3 Issue 2

**Publisher:** ACM PressFull text available:  [pdf\(305.99 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


Many information structures are represented as two-dimensional networks (connected graphs) of links and nodes. Because these network tend to be large and quite complex, people often prefer to view part or all of the network at varying levels of detail. Hierarchical clustering provides a framework for viewing the network at different levels of detail by superimposing a hierarchy on it. Nodes are grouped into clusters, and clusters are themselves place into other clusters. Us ...

**Keywords:** data acquisition, fisheye views, hierarchically clustered graphs, information visualization, supervisory control

#### 14 [Phoenix: a low-power fault-tolerant real-time network-attached storage device](#)



Anindya Neogi, Ashish Raniwala, Tzi-cker Chiueh

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1)****Publisher:** ACM PressFull text available:  [pdf\(1.38 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Phoenix is a real-time network-attached storage device (NASD) that guarantees real-time data delivery to network clients even across single disk failure. The service interfaces that Phoenix provides are best-effort/real-time reads/writes based on unique object identifiers and block offsets. Data retrieval from Phoenix can be serviced in server push or client pull modes. Phoenix's real-time disk subsystem performance results from a standard cycle-based scan-order disk scheduling mechanism. H ...

#### 15 [Hierarchical Latent Class Models for Cluster Analysis](#)

Nevin L. Zhang

December 2004 **The Journal of Machine Learning Research**, Volume 5**Publisher:** MIT PressFull text available:  [pdf\(391.95 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Latent class models are used for cluster analysis of categorical data. Underlying such a model is the assumption that the observed variables are mutually independent given the class variable. A serious problem with the use of latent class models, known as local dependence, is that this assumption is often untrue. In this paper we propose hierarchical latent class models as a framework where the local dependence problem can be addressed in a principled manner. We develop a search-based algorithm ...

#### 16 [Expressing rhetorical relations in instructional text: a case study of the purpose relation](#)

Keith Vander Linden, James H. Martin

March 1995 **Computational Linguistics**, Volume 21 Issue 1**Publisher:** MIT PressFull text available:  [pdf\(2.12 MB\)](#)[Publisher Site](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Natural language provides an extensive set of lexical and grammatical forms for expressing concepts, a set from which writers choose the particular form that they feel will produce the most effective expression given the communicative context. An important task of the text generation researcher is to specify both the range of these forms and the contexts in which they are used. This paper addresses this issue in the context of the expression of procedural relations between actions in instruction ...

#### 17 [Software safety: why, what, and how](#)

Nancy G. Leveson



June 1986 **ACM Computing Surveys (CSUR)**, Volume 18 Issue 2

**Publisher:** ACM Press

Full text available: pdf(4.18 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Software safety issues become important when computers are used to control real-time, safety-critical processes. This survey attempts to explain why there is a problem, what the problem is, and what is known about how to solve it. Since this is a relatively new software research area, emphasis is placed on delineating the outstanding issues and research topics.

**18** Computers as an innovation in American local governments



James N. Danziger, William H. Dutton

December 1977 **Communications of the ACM**, Volume 20 Issue 12

**Publisher:** ACM Press

Full text available: pdf(1.42 MB)

Additional Information: [full citation](#), [references](#), [citations](#)

**Keywords:** American local government, city government computers, computer adoption, computer utilization, county government computers, innovation, technological innovation

**19** Technological frames: making sense of information technology in organizations



Wanda J. Orlikowski, Debra C. Gash

April 1994 **ACM Transactions on Information Systems (TOIS)**, Volume 12 Issue 2

**Publisher:** ACM Press

Full text available: pdf(2.69 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this article, we build on and extend research into the cognitions and values of users and designers by proposing a systematic approach for examining the underlying assumptions, expectations, and knowledge that people have about technology. Such interpretations of technology (which we call technological frames) are central to understanding technological development, use, and change in organizations. We suggest that where the technological frames of key groups in organizations—such a ...

**Keywords:** managing expectations, social cognitions, technological frames, technological implementation, technology use

**20** Deployment experience: Design and deployment of industrial sensor networks: experiences from a semiconductor plant and the north sea



Lakshman Krishnamurthy, Robert Adler, Phil Buonadonna, Jasmeet Chhabra, Mick Flanigan, Nandakishore Kushalnagar, Lama Nachman, Mark Yarvis

November 2005 **Proceedings of the 3rd international conference on Embedded networked sensor systems SenSys '05**

**Publisher:** ACM Press

Full text available: pdf(677.48 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Sensing technology is a cornerstone for many industrial applications. Manufacturing plants and engineering facilities, such as shipboard engine rooms, require sensors to ensure product quality and efficient and safe operation. We focus on one representative application, preventative equipment maintenance, in which vibration signatures are gathered to predict equipment failure. Based on application requirements and site surveys, we develop a general architecture for this class of industrial appli ...

**Keywords:** embedded hardware design, industrial applications of sensor networks



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IEEE JNL IEE Journal or Magazine

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IEEE CNF IEE Conference Proceeding

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IEE CNF IEE Conference Proceeding

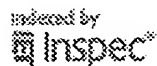
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